

452446 TO 452449-continued

300M. Lat. 59 deg. 30' N, long. 117 deg. W. Wild. Seed.

452448. R-28. Collected August 20, 1980. Roadside rest stop, Highway 35, 10km north of Paddle Prairie, Alberta. 250M. Lat. 57 deg. 50' N, long. 117 deg. 30' W. Wild. Seed.

452449. R-29. Collected August 20, 1980. North, 5km of Hotchkiss, Alberta. 300M. Lat. 117 deg. 30' N, long. 56 deg. 50' W. Wild. Seed.

452450. *Astragalus americanus* (Hook.) M. E. Jones (Fabaceae) Milkvetch.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-33. Canada. Edmonton. Devonian Botanic Gardens, University of Alberta. Collected August 22, 1980. Five km southwest of Edmonton. 665M. Lat. 53 deg. 15' N, long. 113 deg. 30' W. Received as *Astragalus frigidus* var. *americanus*. Cultivated. Seed.

452451. *Astragalus cicer* L. (Fabaceae) Cicer milkvetch.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-19. Collected August 13, 1980. Road bank, Alcan Highway, 63km N of Ft. St. John, British Columbia. 700M. Lat. 56 deg. N, long. 121 deg. W. Few plants. Nodule sample. Seed.

452452. *Astragalus flexuosus* (Hook.) G. Don (Fabaceae) Flexile milkvetch.

From Canada. M. D. Rumbaugh, USDA Crops Research Laboratory, Utah State University, Logan, Utah. Received through 1980
Domestic - Canada Medicago Germplasm Collection.
Received September 1980.

R-34. Canada. Edmonton. Devonian Botanic Gardens, University of Alberta. Collected August 22, 1980. Five km southwest of Edmonton. 665M. Lat. 53 deg. 15' N, long. 113 deg. 30' W. Cultivated. Seed.